

# PATENT ABSTRACTS OF JAPAN

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## (54) DATA COMMUNICATING METHOD FOR RADIO SYSTEM

(57)Abstract:

**PURPOSE:** To shorten data transmission time and to further reduce the memory capacity of the reception data bufferings of radio master/slave equipments by arranging the radio master equipment and the radio slave equipment between the controller and the terminal equipment of a radio system, making wire communication and radio communication coexist and performing a data transmission.

**CONSTITUTION:** A radio system controls terminal equipments T 11 to T 13, T 21 and T 31, and is composed of a controller 100 performing a control, radio master equipments M 1 to M 3 connected with the controller via wire communication cables 111 to 113, 121 and 131, and radio slave equipments S 11 to S 13, S 21 and S 31 which are connected with the controller and perform the radio communication with the radio master equipment. As compared with the data transmission rate of the wire communication cable section from the controller to the radio master equipment, the data transmission rate of the radio sections Z 1 to Z 3 from the radio master equipment to the radio slave equipment is set faster. By this constitution, the data transmission time between the controller and the terminal equipment is shortened, and the capacity of the memories of the reception data bufferings provided on the radio master equipment and the radio slave equipment is made small.

